

# TECHNICAL SPECIFICATIONS

## Engineering/Performance

	A4	S4
Engine Type	Four-cylinder	Six-cylinder
Arrangement	Front Mounted- Longitudinal	Front Mounted- Longitudinal
Bore (in)	3.25 (82.5 mm)	3.33 (84.5 mm)
Stroke (in)	3.65 (92.8 mm)	3.50 (89 mm)
Displacement (cu in)	121.1 (1984 cc)	182.8 (2995 cc)
Compression Ratio	9.6:1	10.3:1
Horsepower @ rpm	220@4450-6000 (162 kw)	333@5500-6500 (245 kw)
Torque @ rpm (lb-ft)	258@1500-4300 (350 nm)	325@2900-5300 (440 nm)
Induction/Fuel injection	Turbocharged/FSI®	Supercharged/FSI®
multitronic® CVT (0-60 mph)	6.6 seconds	—
quattro® manual (0-60 mph)	6.4 seconds	4.9 seconds
quattro® tiptronic (0-60 mph)	6.2 seconds	—
quattro® S tronic (0-60 mph)	—	4.9 seconds
Top Track Speed* (mph)	130 (203 km/h)	155 (250 km/h) 130 (210 km/h) w/ all-season tires

\*Top track speed electronically limited in U.S. Obey all traffic and safety laws

## Engine Design

	A4	S4
Cylinder Block	Cast Iron	Aluminum Alloy
Cylinder Head	Aluminum Alloy	Aluminum Alloy
Firing Order	1 - 3 - 4 - 2	1 - 4 - 3 - 6 - 2 - 5
Valvetrain/Intake	Audi valvelift system on exhaust valves, DOHC, chain driven, hydraulic lifters	DOHC, mechanical charger module with 2 intercoolers, 2 charge movement flaps, chain driven, 4 valves per cylinder
Supercharger/Turbocharger	---	Eaton R1320
Max Boost	---	0.8 BAR/11.6 psi
Emissions	Tier2 BIN5/ULEV II	Tier2 BIN5/ULEV II
Start-stop efficiency system	N/A	N/A

## Body/Suspension/Chassis

	A4	S4
Five-link front suspension w/ stabilizer bar	■	■
Standard suspension calibration	■	—
Sport suspension calibration	□	—
S sport suspension calibration	—	■
Adaptive dampening suspension	—	□
Electromechanical power steering system	■	■
quattro® with sport differential	—	□
Ventilated front disc/solid rear disc brakes (in)	12.6/11.8 (320/300 mm)	—
Ventilated front disc/ventilated rear disc brakes (in)	—	13.6/13.0 (345/330 mm)

## Wheels and Tires

	A4	S4
A. 8.0Jx17 10-spoke-Star-design 245/45 95H all-season tires	■	—
B. 8.5Jx18 10-arm-Dynamic-design 225/50 94H all-season tires	□	—
C. 8.0Jx18 10-spoke-exclusive-RS-design 245/40 93H all-season tires	□	—
D. 8.0Jx18 5-parallel-spoke-S-design 245/40 93Y summer performance tires*	—	■
E. 8.5Jx19 5-segment-spoke-design 255/35 96Y XL summer performance tires*	—	□
F. 8.5Jx19 5-arm Rotor-design, Titanium 255/35 96Y XL summer performance tires*	□	□
G. Optional: 245/40/18 93H XL all-season tires (includes 130 mph/210 kmh speed limiter)	—	□

\*Tires are supplied and warranted by their manufacturer. High-performance tires are designed for optimum performance and handling in warm climates. They are not suitable for cold, snowy, or icy weather conditions. If you drive under those circumstances, you should equip your vehicle with all-season or winter tires, which offer better traction under those conditions. We suggest you use the recommended winter or all-season tire specified for your car or its equivalent. These high-performance tires also have a lower aspect ratio that aids performance and handling; however, in order to avoid tire, rim, or vehicle damage, it is important that the inflation pressure is regularly checked and maintained at optimum levels. Please also remember in making your selection that, while these tires deliver responsive handling, they may ride less comfortably and make more noise than other choices. Finally, these tires may wear more quickly than other choices.

## Transmission/Drivetrain

	A4	S4
Six-speed manual transmission w/ Audi quattro® all-wheel drive	□	■
multitronic® FWD CVT	■	—
Eight-speed Tiptronic® automatic transmission w/ Audi quattro® all-wheel drive	□	—
Seven-speed Audi S tronic® dual-clutch transmission w/ Audi quattro® all-wheel drive	—	□
Gear Ratios:	multitronic	
1st	2.436: 1	
2nd	1.626: 1	
3rd	1.231: 1	
4th	0.976: 1	
5th	0.783: 1	—
6th	0.628: 1	
7th	0.499: 1	
8th	0.382: 1	
Reverse	2.919: 1	
Final Drive	4.612: 1	

## Transmission/Drivetrain (continued)

		A4	S4
Gear Ratios:		<b>quattro manual</b>	<b>quattro manual</b>
	1st	3.778: 1	3.667: 1
	2nd	2.050: 1	2.158: 1
	3rd	1.321:1	1.520: 1
	4th	0.970: 1	1.133: 1
	5th	0.757: 1	0.919: 1
	6th	0.625: 1	0.778: 1
	7th	-	-
	8th	-	-
	Reverse	3.333: 1	3.222: 1
	Final Drive	3.693: 1	3.682: 1
Gear Ratios:		<b>quattro tiptronic</b>	<b>S tronic</b>
	1st	4.714: 1	3.692: 1
	2nd	3.143: 1	2.150: 1
	3rd	2.106:1	1.406: 1
	4th	1.667: 1	1.025: 1
	5th	1.285: 1	0.787: 1
	6th	1.000: 1	0.625: 1
	7th	0.839: 1	0.519: 1
	8th	0.667: 1	-
	Reverse	3.317: 1	2.944: 1
	Final Drive	2.848: 1	3.875: 1

## Exterior Measurements

	A4	S4
Wheelbase (in)	110.6 (2808 mm)	110.7 (2811 mm)
Length (in)	185.1 (4701 mm)	185.7 (4716 mm)
Height (in)	56.2 (1427 mm)	55.4 (1406 mm)
Width (in)	71.9 (1826 mm) w/mirrors 80.3 (2040 mm)	71.9 (1826 mm) w/mirrors 80.3 (2040 mm)
Track (front/rear) (in)	61.6/61.1 (1564/1551 mm)	61.1/60.6 (1552/1539 mm)
Curb Weight (lbs)	3,516 (1595 kg) <b>(multitronic)</b> 3,627 (1645 kg) <b>(quattro M/T)</b> 3,693 (1675 kg) <b>(tiptronic)</b>	3,858 (1750 kg) <b>(quattro M/T)</b> 3,935 (1785 kg) <b>(S tronic)</b>
Drag Coefficient	Cw = 0.31 Front Area =2.2 sq. m.	Cw = 0.30 Front Area =2.2 sq. m.

## Interior Measurements

	A4	S4
Headroom Sunroof (in, front/rear)	38.0/37.5 (966/952 mm)	38.0/37.5 (966/952 mm)
Headroom Sunshade (in, front/rear)	36.9/37.5 (937/952 mm)	36.9/37.5 (937/952 mm)
Legroom (in, front/rear)	41.3/35.2 (1050/895 mm)	41.3/35.2 (1050/895 mm)
Shoulder Room (in, front/rear)	55.5/54.3 (1410/1380 mm)	55.5/54.3 (1410/1380 mm)
Luggage Capacity (cu ft)	12.4	12.4
Luggage Capacity with second row folded (cu ft)	34.0	34.0
Seating Capacity	5	5

## EPA mileage estimates\*/Capacities

	A4	S4
Audi multitronic® transmission (City/Highway/Combined)*	24 /32 /27	---
Manual transmission (City/Highway/Combined)*	22 /32 /26	17 /26 /20
Tiptronic® automatic transmission (City/Highway/Combined)*	20 /29 /24	---
Audi S tronic® dual-clutch automatic transmission (City/Highway/Combined)*	---	18 /28 /21
Engine Oil (qt)	4.9	7.2
Fuel (gal)	16.1	16.1
Recommended Fuel	Premium	Premium

\*Your mileage will vary and depends on several factors including driving habits and vehicle conditions.

## Steering

	A4	S4
Type	Electromechanical, speed sensitive power rack & pinion	Electromechanical, speed sensitive power rack & pinion
Ratio	15:9:1	15:9:1
Turning Circle (curb-to-curb) (ft)	37.7 (11.5 m)	37.7 (11.5 m)

## Electrical System

### A4

### S4

	A4	S4
Battery	12 Volts - 80 amp	12 Volts - 80 amp
Alternator	14 Volts - 150 amp	14 Volts - 150 amp

## Infotainment

### A4

### S4

	A4	S4
Audi concert system w/ 1CD player (MP3 capable), AM/FM radio, Auxiliary input jack, SD card slot for MP3 files & speed-dependent volume control	■	■
Audi premium sound system w/ 10 speakers & single CD player w/ MP3 playback capability	■	■
Audi MMI® Navigation plus system: w/ TFT color, WVGA, 7-inch display screen, control knob w/ joystick & buttons in center console. Operates climate control, central locking, instrument cluster, vehicle diagnostics, cellular phone, navigation, CD & radio functions. (single CD/DVD player)	□	□
Audi connect® w/ six-month trial subscription* w/ MMI® Navigation plus only	□	□
Audi MMI® radio plus system for controlling Infotainment/Climate/Car Setup (w/ 6.5" color screen)	■	■
Audi music interface w/ iPod® integration (requires compatible device)	■	■
Audi six-channel DSP extended sound system w/ 10 speakers including subwoofer, 180W sound system	■	■
Backlit instrument cluster w/ automatic brightness control: - tachometer, speedometer, digital clock w/ date, fuel gauge, coolant temperature gauge, white illumination w/ red pointers (white pointers on S4)	■	■
Bang & Olufsen® Sound System w/ 14 speakers & 505 watts (includes Dolby Digital 5.1 & noise compensation)	□	□
BLUETOOTH® streaming audio (requires compatible device) w/ MMI® Navigation plus only	□	□
BLUETOOTH® wireless technology preparation for mobile phone (requires compatible device)	■	■
Clock in the MMI®	■	■
Driver information system w/ trip computer, monochrome	■	■

## Infotainment (continued)

	A4	S4
Driver information system w/ trip computer, color (standard w/ Audi MMI® Navigation plus system) - Five-function trip computer (Fuel range, average fuel mileage, current fuel mileage, average speed, elapsed time & digital trip odometer) operated by toggle switch at end of windshield wiper stalk - Outside temperature display - Digital speed display - Radio/telephone display - Active Auto Check system w/ speed warning device - Pictogram display for open door & deck lid - Efficiency Program	□	□
HD Radio™ Technology	□	□
In-dash single CD player (+DVD capability w/Audi MMI® Navigation plus)	■	■
SD card slot w/32GB capacity (dual slots if Audi MMI® Navigation plus selected)	■	■
SiriusXM Satellite Radio w/ 90-day trial subscription	■	■
SiriusXM Traffic w/ 4 year subscription	□	□
Voice control system (controls cellular phone, CD, radio & navigation), includes speech-to-text engine	□	□

## Warranty/Maintenance

	A4	S4
	4- Year/50,000 mile new vehicle limited warranty*	4- Year/50,000 mile new vehicle limited warranty*
	12- Month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance*	12- Month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance*

\*See dealer or owner's literature for details.

- = Standard
- = Optional
- = Not Available